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The binocular-specialist!

STEINER 
G E R M A N Y



Discover moments of eternity.

Seeing is a gift that must be
made the most of. Only if you
sharpen your sight for the
essentials will you be able to
see the world at the blink
of an eye. A world, in
which clear views are
decisive for success
and every moment has its own
truth. Unique and intense.
A world made for viewing
through STEINER binoculars.
Adrenalin for the eye. Calming
for your mind. Are you ready
for the future? Open your
eyes... using STEINER, you will
have a different view of the
world.



ADMIRAL GOLD 7 x 50.

Our Masterpiece.

Best of the Best with 3D-Vision

and fantastic operating

convenience. Explore a new,

uniquely clear view.



Perfection is natural for us.

Many strive to build the best binoculars in the world. But only a very few, like STEINER, have the passion, experience and technical basis for really doing so. Because we see things differently. With an enthusiastic heart, unquenchable curiosity and the professional claim of not only being good, but better. We do anything for this – except compromise. Because our binoculars are built for situations in which compromises cannot be afforded. And because it is the only right thing.



Carl Steiner

Company history 1947 formation of the company by Karl Steiner 1967 intro-

duction of the high-tech material »Makrolon®« 1973 Karl Steiner passes the com-

pany on to his son Carl 1973 the first binoculars with nitrogen filling 1978 the

first binoculars with a compass 1985 2-way valve technology is introduced 1989

the first binoculars with UV protection coating (Firebird) 1990 Safari series with

UV protection and color-correction coating 1995 Rocky series with fast close focus

technology 1998 high contrast optics 1999 »Wildlife« series in cooperation with

Reinhold Messner 2001 »Nighthunter« series – the best night viewing binoculars

in the world 2001 memory eyepiece and ClicLoc system have been developed

2002 testing of Commander V by the Illbruck Challenge Team during the Volvo

Round The World Race



A short summary of the STEINER range.

STEINER binoculars can be divided into four different product lines – i.e. **MARINE**, **OUT-DOOR**, **HUNTING** and **SPECIALS**. The product features are optimised for the benefit of each category. Every product segment is subdivided into a luxury, professional and premium product range.

MARINE

Luxury **ADMIRAL GOLD** 7 x 50 Compass

Professional **COMMANDER V** 7 x 50 Compass, 7 x 50

Premium **NAVIGATOR II** 7 x 50 Compass, 7 x 50



OUTDOOR

Professional **WILDLIFE** 8 x 24, 8 x 30, 10 x 30, 8 x 32, 10 x 32, 8 x 42, 10 x 42

Premium **SAFARI** 8 x 22, 8 x 30, 10 x 26, 9 x 40



HUNTING

Professional **NIGHTHUNTER** 8 x 30, 8 x 56, 7 x 50, 9 x 40

Premium **RANGER** 8 x 30, 7 x 50, 8 x 56, 10 x 50, 9 x 40

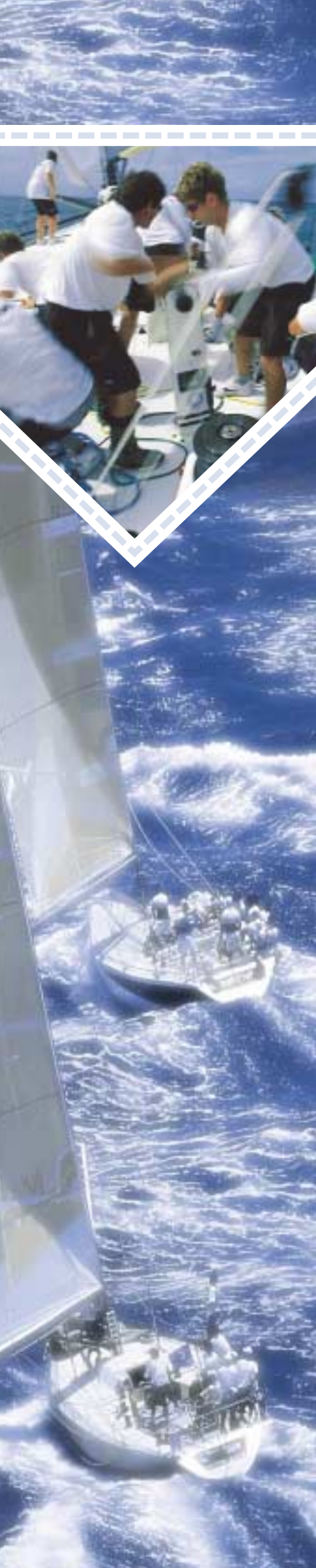


SPECIALS

Professional **COMMANDER MILITARY** 15 x 80 Compass

Premium **RALLYE** 15 x 56, 20 x 80





STEINER is the world leader in binoculars for extreme marine missions: The US Navy, merchant shipping, open sea sailors, yacht-owners and charter professionals rely on STEINER's superior quality. The perfect compromise of STEINER's magnification, weight and high quality optics makes our binoculars the optimum for any weather. STEINER binoculars deliberately work without electronics, since neither robustness nor reliable performance would be achieved. Even electronics cannot control the whims of the open sea.

When it comes to performance... Skippers rely on STEINER!

Tools on board have to be rugged and reliable. STEINER marine binoculars are built to last in these conditions as they meet all the requirements necessary for offshore use.

Sports-Auto-Focus

No need to focus. Instant sharp views over different distances from 20 metres to infinity. Perfect for spotting buoys, markers and navigational hazards.

High-Contrast-Optics

High-Definition – excellent brightness, even under the worst lighting conditions

Extremely rugged

Guaranteed shock proof by Makrolon® inner housing and STEINER optical carrier

Dry nitrogen filling via 2 valve pressure system

Absolutely fog free in temperatures between -40 °C and +80 °C

Water pressure proof to 5 m under water

Complete sealing for worst weather conditions

Fully rubber armoured

Slip proof even when wet. Temperature extreme resistant

Oculars for eyeglass wearers

Complete field of view for spectacle wearers too

Integrated HD-stabilised, high performance compass

Extra large and illuminated for fast and accurate bearings



John Kostecki,
Skipper of the Illbruck
Challenge-Team

"Covering 32700 nautical miles in 134 days can only be done with maximum performance readiness and with the very best equipment. That's why we decided for the STEINER Commander V."

Volvo Ocean Race 2001/2002

COMMANDER V 7 x 50 Compass

FOV: 130 m

Twilight factor: 18.7

Luminosity: 51

Weight: 1145 g

Height: 157 mm

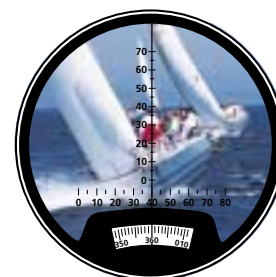
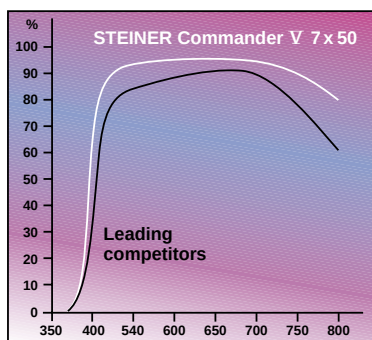
Item No.: 752



COMMANDER V: REVOLUTIONARY OPTICS

See in three dimensions
and more clearly than ever before!

Forget all you ever knew about binocular images. The **sensational, high-definition optics** from STEINER will give you a completely new, uniquely clear view. Even under the most difficult lighting conditions, special Porro prisms and unique heat-treatment technology ensure **unsurpassed light transmission** and therefore sensationally clear, contrasting three-dimensional vision. At the same time the Commander V offers you **particularly wide picture detail** for excellent vision in every situation. Night or day. Storm or calm. If you're a water sportsman through and through, these optics are now the new benchmark.



The compass with its new reticle is very large and illuminated, which makes taking a bearing easy and convenient. The compass is viewed bottom right and is thus easy to read off. Due to liquid damping, the compass is extremely stable and taking a reliable bearing presents no problem even under the roughest sea conditions. Cross-, simple, double and four-line bearings are possible. STEINER not only invented compass binoculars, but continues to set the standard, against which all others will have to be measured.



Completely fog-free nitrogen pressure system



Water pressure proof down to at least 5 metres



Optimal protection for compass and binoculars thanks to solid rubber armoring

COMMANDER V: REVOLUTIONARY ROBUSTNESS

Don't just demand more,
demand everything!

COMMANDER V 7 x 50



FOV: 130 m

Twilight factor: 18.7

Luminosity: 51

Weight: 1075 g

Height: 157 mm

Item No.: 742



The robustness of STEINER binoculars has always been legendary. In order to combine sensitive technology and extreme environmental conditions, a high-quality **Makrolon® housing** protects the inner workings of the Commander V. **Guaranteed shock-resistant. Guaranteed hard-wearing.** In addition, the special **solid-rubber armoring** within which the binnacle is held ensures firm retention. Also in the wet and in Force 10 winds, the binocular stays firmly in your hand! And even if your Commander goes over the side, you can remain calm: the optional flotation strap will keep the instrument safely afloat. The binoculars are also 100% proof against water pressure down to at least 5 metres! Further highlights of the STEINER safety concept: the nitrogen pressure system for completely fog-free vision from -40°C to +80°C, and the intelligent, non-distorted prism suspension with permanently elastic bearings made of special silicon. Absolutely nothing can shake the Commander V!

COMMANDER V: REVOLUTIONARY OPERATING CONVENIENCE

The first binoculars
with no compromises!

Perfect function is only helpful when matched with **perfect action**. For, under extreme sporting conditions, decisions have to be taken quickly and safely. No time for compromises! The Commander V is the new benchmark in operating convenience with all the features of traditional professional binoculars plus a plethora of top-function innovations: intelligent **sports-auto-focus with memory eye-pieces** so you can recover your personal setting at any time, naturally also in darkness. **Ergonomically shaped eye-piece cups** with ventilated oculars for steady retention and perfect reflection protection. Reliable, **extra-large high-performance compass** with **reticles** for perfect bearings and distance calculation – **extremely stable and also shock-protected**. The illumination button is easy to operate even with gloves on thanks to a clearly marked action point. The same applies to the handy, **screen-type diopter setting** on the oculars. In addition, the angling of the binoculars no longer needs to be changed when putting on or taking off the rain protection cover, and with the **patent ClicLoc quick-change system** changing from carrying strap to flotation strap takes just seconds.



*Ocular memory:
The memory ring is unlocked by depressing the unlocking mechanism on both sides. Push this upwards and turn to the desired diopter setting. Then force the memory ring downwards. The lock will automatically engage and your diopter setting is thus marked and can always be called up, even when the diopter ring has been changed.*



New: Steady retention and perfect protection against reflection



Large, illuminated compass, with a new key and clearly marked action point



With the new ClicLoc system you can switch in seconds between the convenient carrying strap and the flotation strap



NAVIGATOR II 7 x 50 COMPASS



Our most successful navigation binocular with new, elegant black and blue rubber armouring and with newly invented coating for better contrasts and less reflection for the best view – even in bright sunlight.

The illuminated compass is only seen when electronically activated (pressing the bearing button). Featuring a fog free performance from -20°C to +60°C by using the unique 2 valve system of dry nitrogen filling as well as being water pressure proof to 5 m under water. This marine binocular – with only 1005 g of weight is an extremely light-weight binocular – Its slim design offers perfect grip even for the smallest hands.

FOV: 118 m • Twilight factor: 18.7

Luminosity: 51 • Weight: 1005 g

Height: 178 mm • Item No.: 7201



NAVIGATOR II 7 x 50

By its compact design and its minimal weight Navigator II 7x50 is everything you want in an excellent all round marine binocular. It delivers full performance for optimum use on motor boats or for inland navigation. Apart from the compass it offers the same features as our Navigator II 7x50 Compass.

FOV: 118 m • Twilight factor: 18.7 • Luminosity: 51

Weight: 970 g • Height: 178 mm • Item No.: 7651



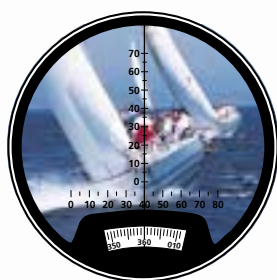
FLOATATION STRAP

The floatation strap is available in the brightest colours: This is how your STEINER water pressure proof binocular will never drown. **Item No.: 768**

Flotation strap for binoculars with ClicLoc strap clasp. Strap changing becomes even faster and easier.

Item No.: 76800001





ADMIRAL GOLD 7x50 COMPASS

Every ADMIRAL a unique masterpiece!

These binoculars are exclusive built to order by our most experienced opticians and limited worldwide to 100 pieces per year – even today a collectors' item. Your personal Admiral Gold is supplied in an engraved mahogany box, bearing a serial number and the name of the owner.

With its state-of-the-art, hand-crafted optics – we achieve the maximum with maximum effort. The 3D vision coating for even clearer and more brilliant images. Less scattered light causes perfect light transmission and best optical imaging. Even more contrast and depth of focus. Binoculars with so superior light transmission that the comparison with night-vision goggles suggests itself. The compass has been reworked and integrated into the binoculars in an even better way – for optimum bearing, it is extremely stabilized, even in rough seas. The graduated card is also new – offers a larger field of vision and can be read better. Resistant to pressurized water to a depth of at least 5m. Sports auto-focus. Ergonomical, vented eye cups with memory eyepiece. Fast-action strap system ClicLoc

FOV: 130 m • Twilight factor: 18.7 • Luminosity: 51

Weight: 1145 g • Height: 157 mm • Item no. 7723





The name says it all – Wildlife professional binoculars have been developed for uncompromising use during "adventures" around the globe. In co-operation with the WWF, World Wildlife Fund, Steiner supports the preservation and rescue of wild animals. The high contrast optics especially optimised for the observation of nature and wild animals provide clear, brilliant images rich in contrast. All binoculars are extremely rugged and easy to handle, as if created for long days out in the field. Thanks to STEINER'S sealing technology the glasses are excellently protected against dust, dirt and humidity.

WILDLIFE – into adventure!

... Whether you are watching bears catching salmon in Kamtschatka, observing birds in the jungles of Borneo, trekking in Nepal or you want to see the mountain a little closer, with your Wildlife binoculars you will always be very close. Their ruggedness, weight and high definition optics make these binoculars the ideal companion.

Sports-Auto-Focus

No need to focus

Fast-Close-focus

With revolutionary close focus range

High-Contrast-Optics

High definition – extremely sharp and bright pictures

Extremely rugged

Guaranteed shock proof by using Makrolon® inner housing

Dry nitrogen filling via 2 valve pressure system

Fog free

Water pressure proof

Full rubber armoured

Slip proof even when wet

Economically shaped oculars

For long observations without fatiguing your eyes



WILDLIFE 8 x 42

Birdwatcher's Choice. The first choice for bird watching in the field – the 8-fold magnification is suitable for most observation situations. The 8-fold magnification is perfect for trips incorporating long walks and lots of effort, as the constant movement of the hands in no way affects the glass and the ergonomic eye cups are also very helpful. High tech housing and our nitrogen pressure system protect the high-quality optics for decades. The XXL focus device ensures super-easy handling even when wearing gloves. Fast close focus.

FOV: 114 m • Close focus range: 2.1 m • Twilight factor: 18.3

Luminosity: 27.6 • Weight: 635 g • Height: 162 mm

Item No.: 548



WILDLIFE 10 x 42

Birdwatcher's Choice. The big brother of the WILDLIFE 8 x 42 with the same professional equipment details and high-quality, high-definition optics. Be sure to miss none of the action with ten-fold magnification. The 10 x 42 is used particularly for longer observation in one place. Especially for more day trips when it is not possible to carry a large amount of equipment these binoculars would be first choice. The perfect visual fittings with comfort carrying strap and eyepiece protection covers round off what is the complete equipment set. Fast close focus.

FOV: 91 m • Close focus range: 2.2 m

Twilight factor: 20.5 • Luminosity: 17.6

Weight: 645 g • Height: 162 mm

Item No.: 549



WILDLIFE 8 x 32

The precision model. Fast-Close-Focus with revolutionary minimum focus distance of 2.2 m. Best optical performance and details such as proven ruggedness make this model to your reliable companion for outdoor events. High tech housing provide protection for the fine high quality optics – for decades. Our XXL focusing device ensures super easy handling even with gloves on. This 8 x 32 model is extremely suitable for bird and wildlife watching. Water pressure proof and nitrogen filled with Fast-Close-Focus

FOV: 112 m • Close focus range: 2.2 m

Twilight factor: 16 • Luminosity: 16

Weight: 570 g • Height: 162 mm

Item no. 547



WILDLIFE 10 x 32

The big brother of the WILDLIFE 8 x 32 with the same professional equipment details and high-quality, high-definition optics. The 10-fold enlargement acquires an advanced observation spectrum. The 10 x 32 is used particularly for longer observation in one place. Fast close focus, water pressure proof, nitrogen pressure system

(Available from August 2002)



WILDLIFE 10 x 30

For the ultimate long-distance viewing. An excellent choice for those who need extra power. For exciting events or at sports action the 10 times magnification will get you close enough to see even more details.

The combination of the excellent quality of the High-Contrast-Optics and the rugged construction makes the Wildlife 10 x 30 the perfect companion for those who desire a binocular which are lightweight and have a high magnification. Ergonomically shaped eyecups, waterproof and Fast-Close-Focus.

FOV: 86 m • Close focus range: 3.4 m

Twilight factor: 17.3 • Luminosity: 9

Weight: 275 g • Height: 120 mm • Item no. 540





WILDLIFE 8 x 24

The most compact of our new Wildlife range. Folded up it is not much bigger than a packet of tissues. If your outdoor adventures demand high performance from compact, easy to handle, rugged binoculars, this will be your best companion. Waterproof and with Fast-Close-Focus they also have a 30 Year warranty.

FOV: 106 m • Close focus range: 2.8 m

Twilight factor: 13.9 • Luminosity: 9

Weight: 248 g • Height: 110 mm

Item no. 543

WILDLIFE 8 x 30

The ultimate binocular for any explorer. Rugged in build and made for use in the most extreme conditions in the world. Always at your disposal featuring rugged construction and Sports-Auto-Focus. Adjust both oculars once "0" and all objects will be observed without further re-focusing. You can always rely on your 8x30. Highest quality by unique STEINER construction. Superior AC coating and revolutionary High-Contrast-Optics guarantee the best in brilliance and brightness. Its large field of view and excellent edge to edge sharpness give the best view over all different terrains. 8 Times magnification, water pressure proof and Sports-Auto-Focus.

FOV: 130 m • Twilight factor: 15.5

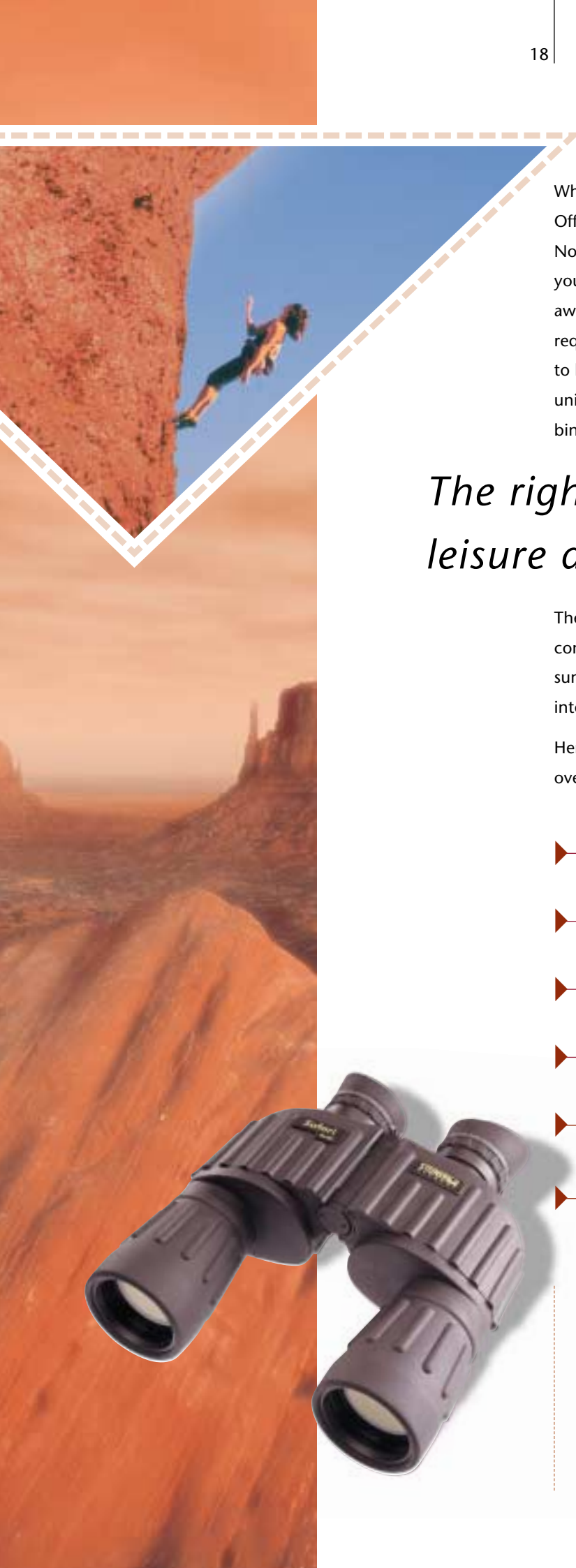
Luminosity: 14.1 • Weight: 520 g • Height: 108 mm

Item no. 541



► We have developed a new pouch for each Wildlife model. These pouches are – like the binoculars – extremely light weight and rugged. Travel can be so easy – the pouch can

be carried on your shoulder or belt. The double heavy-duty zips can be opened wide to remove your binocular easily.



Where do you prefer to spend your leisure-time? Off-shore, high in the air or at an open-air concert? No matter where you are, the more you see, the more you will enjoy yourself. Don't let the best details slip away. STEINER's Safari series is ideally suited to many requirements. High precision binoculars which are easy to handle thanks to the Sports-Auto-Focus. STEINER's unique design and high quality optics make our binoculars extremely rugged and user-friendly.

The right choice for travel, leisure and adventure!

The Safari optics offer sharp outlines and pictures full of contrast even in glaring sunlight. The coating blocks bright sunlight and eliminates glare. Your pictures will be contrast intensified and distortion-free.

Here are the advantages you will come to appreciate over and over again:

Sports-Auto-Focus

No need to focus

Fast-Close-Focus

With revolutionary close focus range

High-Contrast-Optics

CAT – extremely sharp, bright pictures

Extremely rugged

Guaranteed shock proof by using Makrolon® inner housing

Ergonomically shaped oculars

For extended observation without fatiguing your eyes

Standard with bag

The best protection for your safari

SAFARI 9 x 40

The combination of high magnification, large objective size and a minimal weight have made this binocular the perfect companion for mountain-climbing or wildlife-watching.

FOV: 98 m • Twilight factor: 18.9

Luminosity: 19.8 • Weight: 695 g

Height: 178 mm • Item No.: 444





SAFARI 8 x 30



It is the perfect all-purpose adventure companion in the Safari line – the ideal combination of easy handling and visual performance. Its 8-times magnification allows any user relaxed observation. The 30 mm objective diameter offers good brightness and improves picture contrast.

FOV: 120 m • Twilight factor: 15.5
Luminosity: 14.1 • Weight: 490 g
Height: 115 mm • Item No.: 4401



SAFARI 10 x 26



The big brother of 8 X 22. The 10-fold enlargement, in combination with the larger lens diameter, delivers sharper images rich in contrast. The far remote seems so close. If you want to take time observing nature and you are looking for light, compact binoculars the new 10 X 26 is the right companion for you. Fast close focus.

FOV: 105 m
Twilight factor: 16.1
Luminosity: 6.8 • Weight: 270 g
Height: 114 mm • Item No.: 4471

*For long-range spotting!
 Whether on a cruise, on a safari,
 at the airport or on the beach –
 nothing will escape your eyes!*

SAFARI 8 x 22

This best seller has been revised and further enhanced. Better grip from the improved rubber casing, and ergonomic eye cups make the handling of these binoculars even more pleasant. When folded they are not much bigger than a packet of paper handkerchiefs, so these binoculars can be stored anywhere, in the coat pocket or in the glove compartment. Thousands of satisfied customers have chosen the 8 x 22. Fast close focus.

FOV: 123 m • Twilight factor: 13.3
Luminosity: 7.6 • Weight: 210 g
Height: 94 mm • Item No.: 445



*Small, lightweight, rugged.
 Whether you go to the stadium, fishing
 or golfing, it will always go with you.*



Experience an unparalleled light transmission and the brilliance with the newly developed high-optics system. The Nighthunter's unbeatable light transmission offers you extremely bright pictures full of contrast even under most difficult lighting conditions. The Ranger Series is of great help for inexperienced hunters too. The STEINER colour coating gives you three-dimensional pictures with excellent contrast. It offers superb transmission of visible light for enhanced low light performance. Your vision won't be blurred any longer. For any sophisticated, modern hunter STEINER binoculars are an obligatory piece of equipment – be it while waiting for the game, deer stalking, or on safaris.

STEINER binoculars are simply the best for any modern and sophisticated huntsman.

The Sports-Auto-Focus ensures an instant sharp image in any situation. Game can be easily recognised even at varying distances. No need to refocus. From the binocular specialists to the hunter specialists: STEINER offers first-choice optics for the modern hunter.

Sports-Auto-Focus

No need to focus

High-Contrast-Optics

Extremely sharp, bright pictures giving best depth of view even under the most difficult light conditions

Extremely rugged

Guaranteed shock proof by the use of Makrolon® inner housing

Dry nitrogen filling via 2 valve pressure system

Absolutely fog free. Absolutely water pressure proof, humidity proof and dust resistant

Fully rubber armoured

Noise reducing, easy to grip rubber casing even when wet

Ergonomically shaped oculars

For long observations without fatiguing your eyes

NIGHTHUNTER



HUNTING

NIGHT- HUNTER 8x56



More and more people hunt at dawn. The new Nighthunter 8x56 turns night-time into day. This is made possible by STEINERS newly developed technical standard of light transmission, unknown until now. You will get clear, bright pictures full of contrast under the most difficult light conditions. Whether you are waiting for the game at dusk or dawn, you will come to appreciate the advantages of Sports-Auto-Focus. It ensures an instant sharp view in any situation, game can be easily recognised even at varying or rapidly changing distances. Wide field of view and an excellent edge to edge sharpness for the best of image. The soft rubber armouring is highly noise reducing – even the carrying straps and objective covers are made without any metal and thus Nighthunter 8x56 is extremely lightweight, easy to carry, yet rugged. This high quality binocular for night-watching should be part of any hunter's basic equipment.

FOV: 112 m • Twilight factor: 21.2 • Luminosity: 49

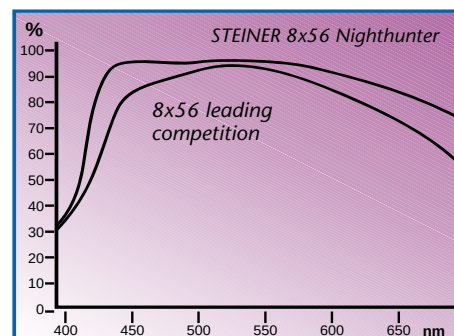
Weight: 1080 g • Height: 212 mm • Item No.: 522

NIGHTHUNTER

STEINER has caused a sensation by introducing the new Nighthunter line. The unrivalled light transmission creates an extremely bright picture. The new epoch-making coating produces a three-dimensional picture of previously unseen clarity. It is important to have a permanently high transmission curve over a large light frequency range and not just at specific high points which helps little in practice. Together with the ergonomically shaped eye-cups and their integrated ventilating system long hours of observation without fatigue are guaranteed. No distracting side light, as the eye-cups adjust to your face. This adjustment guarantees the binocular to remain steady. The patented ventilation system makes any fogging of your binocular impossible.



Ergonomically shaped eye-cups with integrated ventilation system



Conventional binocular



STEINER »Nighthunter«

NIGHTHUNTER 8 x 30



The up-to-date binocular for stalking. Biggest field of view (130 m) with excellent edge to edge sharpness for the best view in the forest, the prairie or the savannah. Right from dawn this binocular offers you superior pictures due to its paramount light value. The STEINER Sports-Auto-Focus guarantees sharp pictures at all times. This compact, extremely lightweight binocular with only 528 g of weight is ultimately rugged.

The comfortable carrying strap and the well designed equipment make it your ideal companion – even for extended spotting sessions.

FOV: 130 m • Twilight factor: 15.5
Luminosity: 14.1 • Weight: 528 g
Height: 127 mm • Item No.: 521



NIGHTHUNTER 7 x 50



The most rugged binocular for ultimate endurance and on even the most demanding hunting mission. The well-balanced weight proportion and the 7-times magnification guarantee unblurred pictures and stability even under the most extreme conditions – vibrations caused by your hands will be remarkably reduced. Wide field of view with excellent edge to edge sharpness for the best view whilst waiting for the game or when deer stalking.

FOV: 125 m

Twilight factor: 18.7

Luminosity: 51

Weight: 950 g

Height: 195 mm

Item No.: 524



NIGHTHUNTER 9 X 40



A hunting glass for long distances. The 9-fold magnification brings remote scenes closer. The compact, slim style and the low weight predestine these binoculars for hunting in the high mountains and for long stalking expeditions. The lens diameter of 40 mm provides clear and sharp images up to twilight in combination with the extremely high light transmission.

Our 9x40 binoculars represent a perfect symbiosis of optical power and enlargement for most requirements.

FOV: 98 m

Twilight factor: 19

Luminosity: 19.8

Weight: 680 g

Height: 188 mm

Item No.: 526





RANGER is the newly developed premium hunting binocular series from STEINER. Experienced hunters as well as young hunters just starting out look for binoculars which are extremely rugged, highly functional and indestructible – a working demon. Professional equipment, functionality and a good price/performance were the design criteria for the new RANGER binoculars.

RANGER – Best performance of equipment and function!

The whole experience of the development of special binoculars for the armed forces has influenced this series. You will appreciate them every day on the hunting grounds.

Sports-Auto-Focus

No need to focus

High-Contrast-Optics

CAT optics for the best view and bright images

Extremely rugged

Guaranteed shock proof by using Makrolon® inner housing

Waterproof

Protected from dust and splashing water

Fully rubber armoured

Extreme noise-reduction, non-slip hold even in the wet

Oculars for spectacle wearers

Complete field of view even with your glasses on

RANGER 8 x 30



The compact and lightweight stalking binocular. Compact and extremely light construction: only 486 grams. Larger field of vision (130 m) with pin-sharp image to the edge for the best overview in the forest, steppe and plains. The rubber coating with good grip makes handling pleasant and simultaneously has a noise-dampening effect. Thanks to sports auto focus, you will always have a sharp image. The unconventionally robust construction, makes it the ideal companion, for instance when working locally or on longer hunting trips.

FOV: 120 m • Twilight factor: 15.5

Luminosity: 14.1 • Weight: 486 g

Height: 108 mm

Item No.: 5101



RANGER 8 x 56

The 8 x 56 model is simply part of the basic equipment of any hunter, since hunting continues into dawn and dusk hours it requires binoculars with the best luminous intensity. The large lens diameter and the high contrast optics supply bright, clear, crisp images. Especially at dusk, the advantage of sports auto focus becomes especially clear – quick, secure finding of game, even with different backgrounds or quickly changing distances. A large field of vision with pin-sharp image to the edge. Light and still robust construction, easy to carry. The soft full rubber coating has a noise-dampening effect and gives a good grip.

FOV: 112 m • Twilight factor: 21.2

Luminosity: 49 • Weight: 1075 g

Height: 195 mm • Item No.: 5102



RANGER 7 x 50



*Especially robust binoculars with high illumination for extreme requirements and on the toughest hunting trips. The balanced weight distribution and 7-fold magnification ensure a stable image even after tough stalking * transmission of hand tremor to the binoculars is clearly reduced. A large field of vision with pin-sharp image to the edge for the best overview when at your station and when stalking. This super-robust binocular contains years of experience of making military binoculars – even after being taken along in your cross-country vehicle for 10 years, your Ranger will work as on the first day!*

FOV: 118 m • Twilight factor: 18.7 • Luminosity: 51

Weight: 1040 g • Height: 143 mm

Item No.: 5104

RANGER 10 x 50

Hunting binoculars for especially great distances. 10-fold magnification gets you up close even to objects far away. Due to the large lens diameter (50 mm) you receive clear and bright images well into dusk. It is especially suited for the experienced hunter: the high performance optics enable the eye to pick up the whole light collected, especially during dusk. Sports auto focus always gives a sharp image and the necessity for tiresome refocussing, especially with large magnification, is omitted.

FOV: 100 m • Twilight factor: 22.4 • Luminosity: 25

Weight: 1035 g • Height: 130 mm

Item No.: 5103



RANGER 9 x 40



The compact, slim construction and low weight make these binoculars the ideal companion for hunting in high mountains. The lens diameter of 40 mm supplies a lot of light for clear and bright images. The 9 x 40 model binocular is in our opinion the perfect symbiosis of luminous intensity and magnification for diverse requirements.

FOV: 98 m • Twilight factor: 18.9

Luminosity: 19.8 • Weight: 680 g

Height: 172 mm

Item No.: 5105





The far-sighted giant – for work or play!

RALLYE 20 x 80

To watch without being seen – for the ultimate long-distance viewing in your leisure-time, astronomy and nature-watching. Nothing will escape your eyes with Rallye 20x80.

With CAT-optics and unmatched optical performance.

STEINER Sports-Auto-Focus.

FOV: 55 m

Twilight factor: 40

Luminosity: 16

Weight: 1915 g

Height: 295 mm

Item No.: 487



SPECIALS



RALLYE 15 x 56

Closer images are available using high enlargement (15-fold) in a super compact design. The portable version of Rallye 20 X 80.

With the same intensity optics. Sports auto focus.

FOV: 65 m • Twilight factor: 29 • Luminosity: 13.9

Weight: 1265 g • Height: 212 mm

Item No.: 4851



COMMANDER MILITARY 15 x 80 COMPASS

STEINER's long-distance leader with integrated compass and range finding reticle. Maximum magnification and exact distance determination. Thanks to these features the Tactical 15x80 Compass is especially used in road and civil engineering, architecture, construction of directional radio transmission systems and archaeology. It is a binocular designed for the most extreme distances – it lets you see things your eye can only guess at. The high-contrast optics guarantee clear and sharp pictures. The big compass has an integrated range finding reticle that enables you to exactly determine distances. Use of a tripod will give even better pictures.

STEINER Sports-Auto-Focus.

FOV: 65 m • Twilight factor: 34.6 • Luminosity: 28.4

Weight: 1965 g • Height: 295 mm • Item No.: 656



Unrivalled reliability, easy handling and the highest possible optical performance is what makes Steiner the binocular specialist.

► Ultimate endurance

STEINER binoculars can be used under the most extreme conditions and will pass even the most stringent endurance test (corrosion or atmospheric extremes). Due to their Makrolon® inner housing they are extremely robust and lightweight. This fibre reinforced polycarbonate material, developed by

Bayer Germany, together with our special construction make our binoculars extremely robust but also lightweight. Our unique independent prism carriage system (optical carrier) helps absorb shock and ensures the highest optical standard even after decades of use.



► Sports auto focus

Enjoy the comfort of the sports auto focus. Both adjustable rings on the diopter settings should be set at "0" and you should see clearly – from approx. 20 metres until infinity. If this isn't the case, and you have any variations from 20/20 vision, you need only to adjust each ring to the point at which you obtain instant sharpness of vision! This is an unsurpassed advantage particularly during cold weather or ever changing observation distances, in the twilight and when it's frosty and you're wearing gloves!

For distances of less than 20 metres we recommend Steiner binoculars with fast close focus technology (e.g. Wildlife 8 x 32). This technology has been especially developed for close observation (from approx. 2 metres). The XXL focus dial makes for simple handling. The easy, noise-reduction focussing makes perfect and quick focussing for close observation possible.

Sports-auto-focus



Fast-close-focus



With High contrast optik

► High contrast optics

By applying the newest technology and the highest standards in precision STEINER binoculars offer a degree of light value (transmission) which was unknown until now. Your pictures become brighter and more clear-cut because of the ultimate stray light reduction and the high degree of transmission. This is what makes STEINER-pictures so bright and three-dimensional – as if you only had to reach out your hand and touch the object. STEINER has consequently developed user-friendly binoculars.

3 D vision

The best that STEINER has to offer in the field of optics. These especially handmade optics squeeze out the very last percent of optical performance.

High definition

In the professional series, maximum light intensity and high contrast is in the foreground. Depending

on the application optical requirements are very different. E.g. glistening sunlight, strong blue reflections and haze at sea or twilight, green, brown backgrounds and fog during the hunt. To obtain maximum light intensity a highly complicated and therefore very expensive compensation technology is necessary.

CAT

In the Premium series one achieves high contrast and captures the most detail using colour compensation. This colour compensation is coordinated with the predominant colours, so compensation is different depending on the application. You can, of course, view everything with any of STEINER's binoculars, but optimised performance will be obtained by selecting the binocular suited to your chosen area of use.

In the following you will find a choice of different product characteristics and their application use for you. It is a general summary; i.e. every characteristic doesn't apply to every pair of binoculars. The exact description of each pair of binoculars can be found in the individual texts or the gene-

ral summary on the following page. If this summary should not answer all your technical questions, please consult your Steiner specialist dealer or contact STEINER Customer Service directly in Bayreuth.



► Optics

By using specially developed sequences of grinding and polishing procedures, STEINER lenses and prisms offer an exceptionally sharp picture. All important optical components are treated with a reflection reducing layer and are multi-coated in further production steps. The result of this is an extraordinarily bright and three dimensional picture, even under low light conditions.



► Nitrogen-pressure system

Fogging or possible condensation are completely avoided. STEINER binoculars are dry nitrogen (N_2) filled and guaranteed internally fog free between -40°C and $+80^\circ\text{C}$. The 2-valve system enables control of the inner dry nitrogen pressure even after years of use. This system preserves the high optical quality and precision of your binocular and makes later readjustment of the inner dry nitrogen pressure possible.



► Water pressure proof to 5 m under water

Absolutely water pressure proof to 5 m under water. STEINER binoculars are completely sealed thanks to a specially devised sealing technique. That's why no dirt, no dust nor humidity can penetrate the binocular. This technology makes your binocular a secured investment, because only this way the high quality optics are protected and preserved.



► Rubber armoring

The extremely soft and long lasting silicon rubber armoring makes STEINER binoculars slip proof and noiseless. Makrolon® gives the binocular a super-solid and lightweight compact housing. It is free of corrosion, resistant to temperature extremes, lightweight and recyclable.



► Ergonomically shaped eye cups

This form offers high observation comfort and protection from lateral incidental light. They adapt to the shape of the face, the binoculars can be held quieter in this way. The age-old material Silicone – is pleasantly soft to the skin. The eye cups are foldable and very well suited for people wearing spectacles.



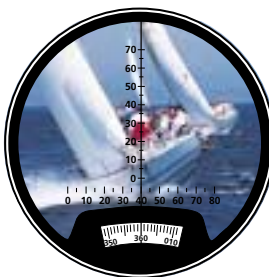
► accessories

All binoculars include some additional fittings. For example rain protection covers, eyepiece protection covers and carrying strap. The adjustable carrying strap is extra broad and coated on the inside. It doesn't slip and is particularly well upholstered. The binoculars can be carried quite comfortably over a long period of time. The material is extremely robust, water and dirt resistance.



► Oculars for eyeglass wearers

STEINER's binoculars have soft silicone eye cups, which can be unfolded. People wearing spectacles also therefore have a complete field of vision. The small attachment on the unfolded cups allows the eyepieces to be placed noiselessly and effortlessly onto the spectacles. Scratching of the spectacles is not possible.



► Integrated HD-stabilised high performance compass with range finding reticle

This is the largest, most stabilised illuminated HD compass you can get. Its liquid shock absorption system enables any user to make bearings even in rough and choppy conditions. The range finding reticle offers easy bearing and distance reading.



► Multi-purpose carrying bags

The large protected interior offers flexible division for binoculars and other tools. A comfortable, adjustable, padded, slip proof carrying strap makes carrying your binocular and equipment so easy. Removable bags for a mobile phone or water bottle. 3 additional pockets outside make pocket lamp, tools or pocket knife easily accessible. (model "S" without additional device for bottles). Available in different sizes. Please find the item no. in the price list.

	MARINE					OUTDOOR			
	ADMIRAL	COMMANDER	NAVIGATOR			WILDLIFE			
									
Description	GOLD 7x50	V 7x50	V 7x50	II 7x50	II 7x50	8x24	8x30	10x30	8x32
Use	Luxury	Professional	Professional	Premium	Premium	Professional	Professional	Professional	Professional
Magnification	7x	7x	7x	7x	7x	8x	8x	10x	8x
Objective lens Ø (mm)	50	50	50	50	50	24	30	30	32
Exit pupil (mm)	7,1	7,1	7,1	7,1	7,1	3,0	3,8	3,0	3,9
FOV at 1000m (m)	130	130	130	118	118	106	130	86	112
Twilight factor	18,7	18,7	18,7	18,7	18,7	13,9	15,5	17,3	16
Luminosity	51	51	51	51	51	9	14,1	9	16
Focus system	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Fast-Close-Focus	Sports-Auto-Focus	Fast-Close-Focus	Fast-Close-Focus
High Contrast Optics	3D-Vision	High-Definition	High-Definition	CAT	CAT	High-Definition	High-Definition	High-Definition	High-Definition
Sealing	N ² Pressure	N ² Pressure	N ² Pressure	N ² Pressure	N ² Pressure	waterproof	N ² Pressure	waterproof	N ² Pressure
Compass	●	●		●					
Weight (g)	1145	1145	1075	1005	970	248	520	275	570
Height (mm)	157	157	157	178	178	110	108	120	162
Warranty (Years)	30	30	30	10	10	30	30	30	30
Item No.	7723	752	742	7201	7651	543	541	540	547

	HUNTING								
	SAFARI	NIGHTHUNTER				RANGER			
									
Description	9x40	8x30	8x56	7x50	9x40	8x30	7x50	8x56	10x50
Use	Premium	Professional	Professional	Professional	Professional	Premium	Premium	Premium	Premium
Magnification	9x	8x	8x	7x	9x	8x	7x	8x	10x
Objective lens Ø (mm)	40	30	56	50	40	30	50	56	50
Exit pupil (mm)	4,4	3,8	7,0	7,1	4,4	3,8	7,1	7,0	5,0
FOV at 1000m (m)	98	130	112	125	98	120	118	112	100
Twilight factor	18,9	15,5	21,2	18,7	19	15,5	18,7	21,2	22,4
Luminosity	19,8	14,1	49	51	19,8	14,1	51	49	25
Focus system	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus
High Contrast Optics	CAT	High-Definition	High-Definition	High-Definition	High-Definition	CAT	CAT	CAT	CAT
Sealing	waterproof	N ² Pressure	N ² Pressure	N ² Pressure	N ² Pressure	waterproof	waterproof	waterproof	waterproof
Compass									
Weight (g)	695	528	1080	950	680	486	1040	1075	1035
Height (mm)	178	127	212	195	188	108	143	195	130
Warranty (Years)	10	30	30	30	30	10	10	10	10
Item No.	444	521	522	524	526	5101	5104	5102	5103

SAFARI



8x42	10x42	8x22	8x30	10x26
Professional	Professional	Premium	Premium	Premium
8x	10x	8x	8x	10x
42	42	22	30	26
5,2	4,2	2,8	3,8	2,6
114	91	123	120	105
18,3	20,5	13,3	15,5	16,1
27,6	17,6	7,6	14,1	6,8
Fast-Close-Focus	Fast-Close-Focus	Fast-Close-Focus	Sports-Auto-Focus	Fast-Close-Focus
High-Definition	High-Definition	CAT	CAT	CAT
N ² Pressure	N ² Pressure	waterproof	waterproof	waterproof
635	645	210	490	270
162	162	94	115	114
30	30	10	10	10
548	549	445	4401	4471

SPECIALS

Commander Military

RALLYE



9x40	15x80	15x56	20x80
Premium	Professional	Premium	Premium
9x	15x	15x	20x
40	80	56	80
4,4	5,3	3,8	4,0
98	65	65	55
18,9	34,6	29	40
19,8	28,4	13,9	16
Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus	Sports-Auto-Focus
CAT	High-Definition	CAT	CAT
waterproof	waterproof	waterproof	waterproof
	•		
680	1965	1265	1915
172	295	212	295
10	10	10	10
5105	656	4851	487

How to choose the right binocular.

STEINER binoculars can be divided into four different product segments. The product features are optimised for the benefit of each category. Every product segment is divided into the professional product range and the standard product range.

The following criteria will help you choose the right binocular.

1. Place of use

The above mentioned division is the first step for making the right choice. With selected optical characteristics STEINER binoculars can be optimised in such a way that you will get optimum viewing performance under the predominant conditions of light, colour and reflection at the main place of use. The binocular construction has to be optimised for the mechanical demands of each environment. **Choose for example one of our professional-line binoculars like the WILDLIFE 7x50, if you want a binocular which is absolutely water pressure proof and resistant to extreme temperatures.**

2. Light conditions respectively time of use

It is important to note that twilight factor and luminosity are not defining features, but only mathematical values which are equal for any binocular of the same magnification and objective diameter. Only the combination of the glass quality, the glass treatment, the construction and the optics determine the picture quality.

For daylight use a binocular with an objective diameter from 22-40 mm is absolutely sufficient. Combined with a magnification of 7-10 times these binoculars are the perfect combination of visual performance and weight. If you use your binoculars during your holidays or while climbing mainly in daylight, then STEINER's NAVIGATOR 8x30 or STEINER's SAFARI 12x40 are the perfect choice.

At dawn, under difficult light conditions or in darkness as well as for any multi-purpose use we recommend an objective diameter from 50-56 mm combined with magnifications from 7-10 times. Under these circumstances mainly the optical performance counts. STEINER's NIGHTHUNTER 8x56 or STEINER's NIGHTHUNTER 7x50 will render you excellent service.

3. Expectations and Comfort

If you use your binocular every day, at work or expose it to extreme conditions, then you should try to get **the best product available**. The professional product ranges ADMIRAL, COMMANDER, WILDLIFE and NIGHTHUNTER stand out due to the well-known STEINER qualities and the special coatings. But even with our standard product range you will find features which will meet any sophisticated demand.

4. Magnification

How do you distinguish between all the different combinations of magnification and objective diameter – from 8x22 to 20x80.

The first number is the magnification, being the degree to which the object you look at comes closer. The second number is the objective lens diameter in millimetres. On board a ship a 7-times magnification, 8-times magnification at the maximum, is recommended, because any larger magnification makes the effects of vibrations caused by the users hands more visible and thus blurs the pictures. Added to which, the wider field of view offered by 7x or 8x magnification offers more chance of finding a target from the moving deck of a vessel than higher magnifications do, without the necessity to repeatedly scan the area. For universal on-shore use an 8 to 12-times magnification is most suitable. With higher magnification models (15x80, 20x80), you will need a tripod.

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